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(74) Common Representative: CIBA SPECIALTY CHEMICALS HOLDING INC.; Klybeckstrasse 141, CH-4057 Basel (CH).

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(72) Inventors; and

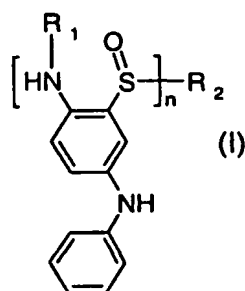
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(54) Title: GRAFTABLE 4-AMINO-3-SULFINYL-SUBSTITUED DIPHENYLAMINE STABILIZERS FOR VULCANIZATES



(57) Abstract: Compounds of the formula (I) wherein R₁ is C₁-C₁₈alkyl, C₅-C₁₂-cycloalkyl, phenyl, benzyl, or allyl; n is 1 or 2; if n is 1, R₂ is C₄-C₁₈alkyl, C₅-C₁₂cycloalkyl, aryl or heteroaryl, benzyl, allyl, (CH₂)_mCOOR₃, or is (CH₂)_mCN; if n is 2, R₂ is -S-(CH₂)_p-S or -S-(CH₂)₂-[O-(CH₂)₂]_m-S R₃ is C₁-C₁₈alkyl, benzyl, allyl; m is 1 or 2; and p is a number from 2 to 12; are suitable as a stabiliser for an elastomer to prevent oxidative, thermal, dynamic, light-induced and/or ozoneinduced degradation. They are also suitable as stabilizers for elastomers to prevent contact discoloration of substrates coming into contact with elastomers.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/10836

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08K5/41 C08K5/372 C07C317/36 C07C323/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08K C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 29126 A (MEIER HANS RUDOLF ;EVANS SAMUEL (CH); KNOBLOCH GERRIT (CH); CIBA S) 26 April 2001 (2001-04-26) examples	1-10
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>KATRITZKY A R ET AL: "Novel Syntheses of 2,3-dihydro-1,5-benzothiazepin-4(5H)-ones and 2H-1,4-Benzothiazin-s(4H)-ones" JOURNAL OF ORGANIC CHEMISTRY, AMERICAN CHEMICAL SOCIETY. EASTON, US, vol. 66, no. 20, 9 August 2001 (2001-08-09), pages 6792-6796, XP002222564 ISSN: 0022-3263 pg 6794, Scheme 3; Table 1; 2a-f pg 6795, Scheme 4; Table 2; 4a-f</p> <p style="text-align: center;">---</p>	7
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